



PVR150 150cm Ring dental lighting

Reduce fatigue & Improve ergonomics

The PVR150 is a full-spectrum, bi-directional 150 cm diameter ring light, also available in 120 cm. It provides uniform lighting throughout the dental treatment room, ensuring clear visibility for precision work.

Incorrect lighting in dental treatment rooms leads to eyestrain and fatigue. DentLed full spectrum lighting was developed specifically as optimal work light for dental treatment rooms.



Key features & benefits

- Direct/Indirect lighting: Uniform light distribution across the treatment room.
- High Colour rendering for accurate shade matching (CRI >90).
- Flicker free: no fatigue inducing flicker.
- Low glare: Light is not harsh & unpleasant on they eyes.
- High output: 1500–2000 lux at the oral cavity.



Technical specifications

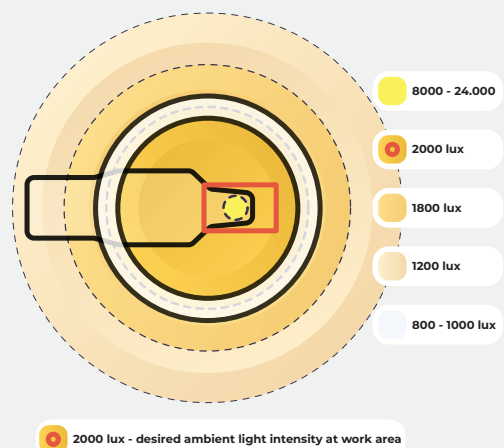
PVR150	
Output (lumen)	28.000 lm
CRI (Colour Rendering)	90+
CCT (Colour Temp)	5000 K
Efficacy	129 lm/W
Power Consumption	210 W
Outer diam	1500 mm
Profile (w x h)	50 x 60 mm
Weight	12 kg
Color	custom
Flicker Free	Yes
Lifetime	50,000 hrs/20 yrs
Power Cord Length	3 m
UGR	<17.8
Direct/Indirect	66% / 33%
Dimmable	Option/dali incl
Ext driver housing	diam 260 mm / height 50 mm
Ext driver housing colour	white or black
Suspension	Fixed: 4 cables

Colour rendering



Accurate colour rendering for correct shade matching.

Light intensity distribution



This diagram illustrates the optimal light distribution in a dental treatment room, aiming for 1500-2000 lux around the oral cavity.

Contact us for lighting calculations and plans for your treatment rooms.

Installation

DentLed collaborates with accredited technicians to install and maintain full spectrum lighting solutions in your dental practice. For further details, please get in touch with us. If you have a preferred installer, installation can be arranged through them as well.

36,000 hours: healthy light is essential

About Dentled

DentLed is dedicated to designing and installing optimal lighting for all types of dental work, including surgeries, practices, and dental labs. DentLed lighting has been installed in more than 1300 treatment rooms and is growing rapidly.

"Every patient deserves a dentist who can work optimally. Good lighting is a basic requirement for this."

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